HEARING RESEARCH

Vol. 154, Nos. 1–2
April 2001

CONTENTS

Cited in: Biological Abstracts (BIOSIS); Chemical Abstracts; Current Contents/Life Sciences; Current Awareness in Biological Sciences (CABS); Excerpta Medica (EMBASE); Index Medicus; INSPEC; PASCAL M; Reference Update

Research Papers

A.V. Kondrachuk (Ukraine)
Mathematical model of the evolution of statoconia 1

S.S. Horowitz, J.A. Chapman, U. Kaya and A.M. Simmons (Turkey, USA)
Metamorphic development of the bronchial columella of the larval bullfrog (*Rana catesbeiana*) 12

T. Ohashi, K. Ochi, H. Kinoshita, M. Kenmochi, H. Kikuchi, H. Nishino and Y. Taguchi (Japan)
Electrocochleogram after transection of vestibulo-cochlear nerve in a patient with a large acoustic neurinoma 26

C.W. Ponton, J.-P. Vasama, K. Tremblay, D. Khosla, B. Kwong and M. Don (Finland, USA)
Plasticity in the adult human central auditory system: evidence from late-onset profound unilateral deafness 32

Q.Y. Zheng and K.R. Johnson (USA)
Hearing loss associated with the modifier of deaf waddler (*mdfw*) locus corresponds with age-related hearing loss in 12 inbred strains of mice 45

S.M. Jones, T.A. Jones, P.L. Bell and M.J. Taylor (USA)
Compound gravity receptor polarization vectors evidenced by linear vestibular evoked potentials 54

F. Ladich and A.N. Popper (Austria, USA)
Comparison of the inner ear ultrastructure between teleost fishes using different channels for communication 62

U. Bai and M.D. Seidman (USA)
A specific mitochondrial DNA deletion (mtDNA^{4977}) is identified in a pedigree of a family with hearing loss 73

C.-T. Tan, S.-Y. Lee, C.-J. Yao, S.-H. Liu and S.-Y. Lin-Shiau (Taiwan)
Effects of gentamicin and pH on $[Ca^{2+}]_i$ in apical and basal outer hair cells from guinea pigs 81

A.N. Salt and Y. Ma (USA)
Quantification of solute entry into cochlear perilymph through the round window membrane 88

J.J. Repass and G.M. Watson (USA)
Anemone repair proteins as a potential therapeutic agent for vertebrate hair cells: facilitated recovery of the lateral line of blind cave fish 98

G.-D. Chen, J. Kong, K. Reinhard and L.D. Fechter (USA)
NMDA receptor blockage protects against permanent noise-induced hearing loss but not its potentiation by carbon monoxide 108

S. Bartels, S. Ito, D.R. Trune and A.L. Nuttall (Japan, USA)
Noise-induced hearing loss: the effect of melanin in the stria vascularis 116

Contents continued on inside back cover

CONTENTS direct

This journal is part of **ContentsDirect**, the ***free*** alerting service which sends tables of contents by e-mail for Elsevier Science books and journals. You can register for **ContentsDirect** online at: **www.elsevier.nl/locate/contentsdirect**

0378-5955(200104)154:1/2;1-B

(Contents continued from back cover)

J. Zheng, T. Ren, A. Parthasarathi and A.L. Nuttall (PR China, USA)
Quinine-induced alterations of electrically evoked otoacoustic emissions and cochlear potentials in guinea pigs 124

S.J. O'Leary, S.F.L. Klis, J.C.M.J. de Groot, F.P.T. Hamers and G.F. Smoorenburg (The Netherlands)
Perilymphatic application of cisplatin over several days in albino guinea pigs: dose-dependency of electrophysiological and morphological effects 135

P.A. Valentine and J.J. Eggermont (Canada)
Spontaneous burst-firing in three auditory cortical fields: its relation to local field potentials and its effect on inter-area cross-correlations 146

H. Wada, T. Koike, Y. Yuasa, T. Kawase and H. Fujii (Japan)
Measurement of stapes mobility in guinea pigs and rabbits 158

T.D. Griffiths, J.L. Dean, W. Woods, A. Rees and G.G.R. Green (UK)
The Newcastle Auditory Battery (NAB). A temporal and spatial test battery for use on adult naïve subjects 165

P. Campo, R. Lataye, G. Loquet and P. Bonnet (France)
Styrene-induced hearing loss: a membrane insult 170

Author Index Volume 154 181

Subject Index Volume 154 183

Instructions to Authors 186